

New Mexico- Cuba F.O.
FY 2004 Ranking Criteria Worksheet - Irrigated Cropland

Applicant_____ Farm No._____ Tract No._____ CMS Field No's._____ Date_____

Tribal Land_____ Non-Tribal Land_____ Preliminary Rating _____ Final Rating _____

1. Water Quantity - 50 Potential Points

Irrigation Efficiency - Use FIRS to Evaluate			Potential Points	Benchmark Points	After Points
% Efficiency	% of Area in Contract before Treatment	% of Area in Contract After Treatment			
			50		
1. Water Quantity			Total		

2. Water Quality - 50 Potential Points

A. Surface Water Pollutants - 25 Points Maximum			
<p>There is a probability that runoff water from irrigated fields contains sediment, salt, pesticides, and/or nutrients (or other associated chemicals). Treatment is needed to prevent these pollutants from entering live waters, or re-entering a shared irrigation system. Points will be awarded based on distance from the end of field to the nearest live waters or re entry point into a shared irrigation system. If there is no run-off, after points will be 0.</p>			
Distance of Surface Run-Off to Live Water	Points	Benchmark	After
<100 Ft.	25	0	
101 - 500 Ft.	15	0	
501 - 1,320 Ft.	10	0	
1,320 - 2,640 Ft.	5	0	
>2,640 Ft.	0	0	
A. Surface Water	Total		
B. Ground Water Pollutants - 25 Points Maximum			
<p>There is a probability that irrigation water containing salt, pesticides, and/or nutrients (or other associated chemicals) is leaching into the ground water. Treatment is needed to prevent these pollutants from contaminating ground water, through leaching and direct return flow into wells. Points to be awarded based on depth to the water table, or elimination of any direct discharge to ground water (regardless of depth to water table).</p>			
Depth to Water Table	Points	Benchmark	After
1 - 10 Ft or elimination of any direct discharge into ground water.	25	0	
10 - 50 Ft.	15	0	
50 -100 Ft.	10	0	
>100 Ft.	5	0	
B. Ground Water	Total		

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3. Selected Conservation Practice(s) - 125 Potential Points

	Potential Points	Percent of Need to be Installed	Points
SOIL EROSION-Potential Range of Points (30)			
441 or 442 or 443-Irrigation System (irrigation induced)	0-10		
464-Land Leveling (concentrated flows)	0-10		
430-Irrigation Pipeline (reduced seepage)	0-10		
WATER QUANTITY-Potential Range of Points (30)			
587-Structure for Water Control (water management)	0-10		
466-Land Smoothing (water management)	0-10		
430-Irrigation Pipeline(excess water)	0-10		
WATER QUALITY-Potential Range of Points (30)			
441 or 442-Irrigation System (surface water contaminants)	0-10		
430-Irrigation Pipeline (seepage)	0-10		
464-Land Leveling (sediments)	0-10		
AIR-Potential Range of Points (10)			
392-Field Windbreak (movement)	0-5		
512 Pasture Planting (airbourne sediments)	0-5		
Plants (10)			
392-Field Windbreaks (production)	0-5		
512-Pasture Planting (Establishment, growth, harvest)	0-5		
Animals (15)			
383-Fences (population balance)	0-5		
512-Pasture Planting (cover, health)	0-5		
642-Wells or 516-Pipelines or 614 Troughs (water quantity)	0-5		
3. Selected Conservation Practices	Total		

4. Other Considerations - 25 Potential Points

	Potential Points	Benchmark Points	After Points
A. At risk species are in the area and the contract will enhance habitat for the species.	10	0	
B. Treatment of this land could have a beneficial impact on a 303d listed stream segment.	5	0	
C. Treatment of this land could enhance the benefits of an active sec. 319 project.	7	0	
D. This land is within a proposed sec. 319 project.	3	0	
4. Other Considerations	Total		

Points Earned: Sec. 1 _____ Sec. 2 _____ Sec. 3 _____ Sec. 4 _____ Total _____*

TOTAL POINTS

*Must earn a minimum 50% (125 pts) of the available points of be considered for final ranking.

Designated Conservationist

Date